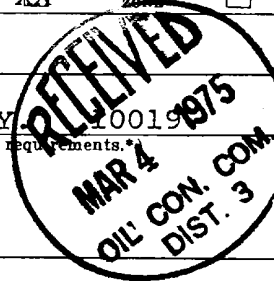


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21733

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐			5. LEASE DESIGNATION AND SERIAL NO. NM-05791		
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR WILLIAM C. RUSSELL			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR 1775 Broadway New York, N. Y. 10019			8. FARM OR LEASE NAME Graham		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1725 FEL, 1775 FSL At proposed prod. zone same			9. WELL NO. 51-A		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15			10. FIELD AND POOL, OR WILDCAT Mesa Verde		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 865		16. NO. OF ACRES IN LEASE 320	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 10, T27N, R8W		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 330		19. PROPOSED DEPTH 4600	12. COUNTY OR PARISH 13. STATE San Juan N.M.		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5907 GR			22. APPROX. DATE WORK WILL START* April 15, 1975		

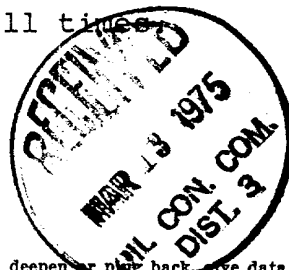


23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4	8 5/8	24	210	200 (circulate)
7 7/8	4 1/2	10.50	4600	600 (circulate)
	1 1/2	tubing	inside TD	

Attachments: Well location and acreage dedication plat;
Exhibits "A" thru "F"

BOP in use at all times

MAR 3 1975
U.S. GEOLOGICAL SURVEY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED William C. Russell TITLE Operator DATE 3-1-75

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY SA TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

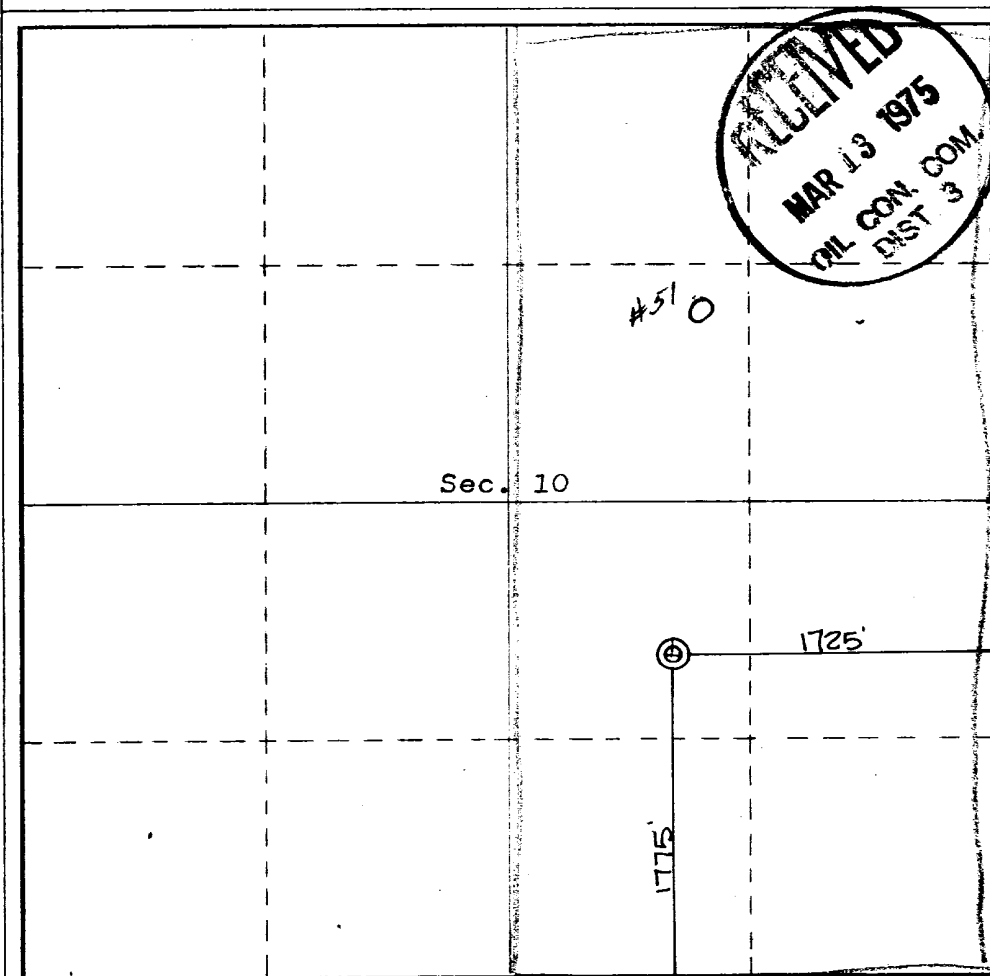
Operator WILLIAM C. RUSSELL			Lease GRAHAM			Well No. 51-A		
Unit Letter J	Section 10	Township 27 NORTH	Range 8 WEST	County SAN JUAN				
Actual Footage Location of Well: 1775 feet from the SOUTH line and 1725 feet from the EAST line								
Ground Level Elev. 5907.0		Producing Formation Mesaverde		Pool Blanco		Dedicated Acreage: 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

William C. Russell
Name

Position

Operator
self

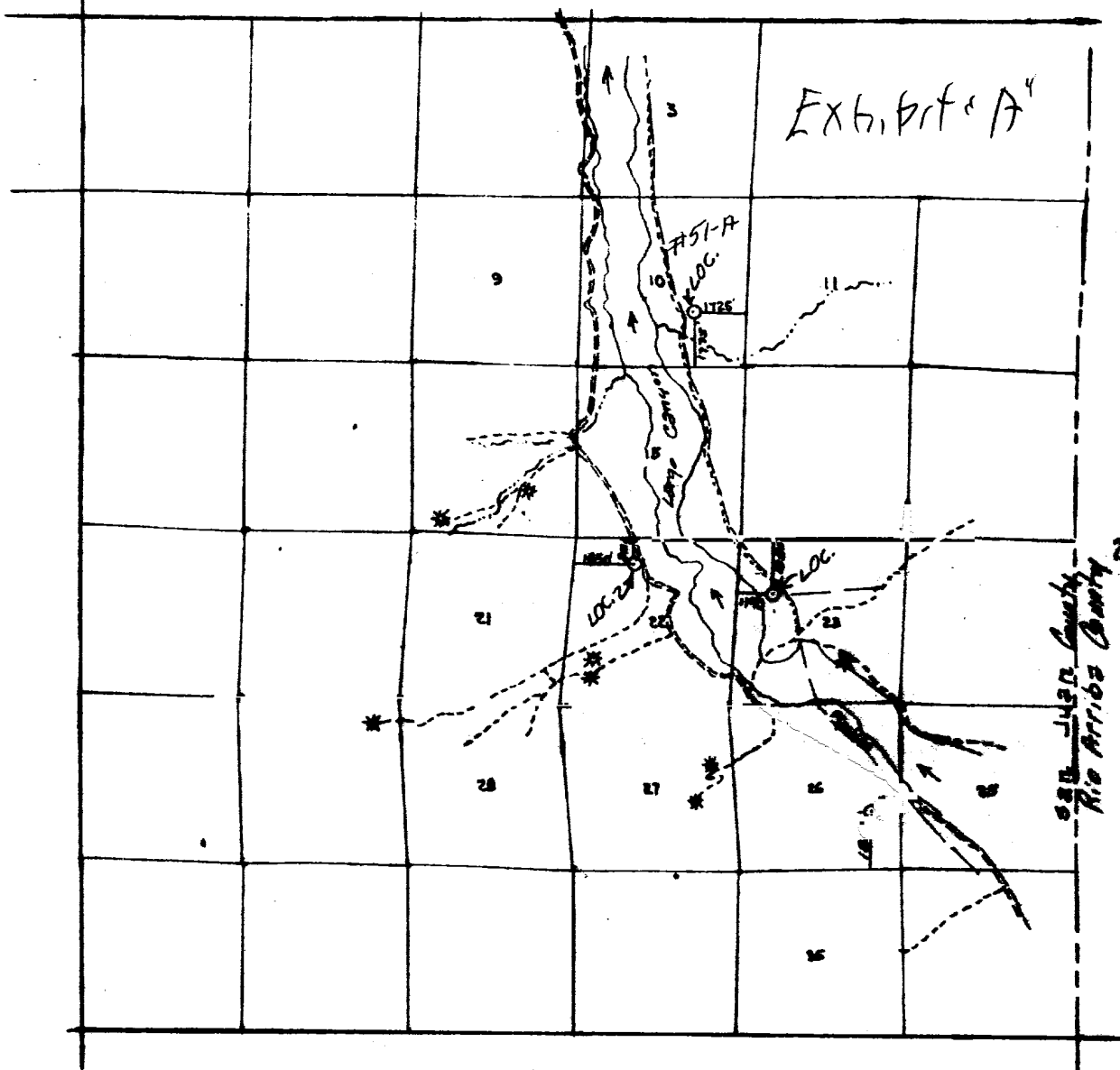
Company

Date

3-1-75

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

James P. Leese
Professional Engineer
March 3, 1975
Registered Professional Engineer
and Land Surveyor
Certificate No. _____



R8W



VICINITY MAP FOR

WILLIAM C. RUSSELL

Showing

Well locations in SE 1/4 Sec. 10,
NW 1/4 Sec. 22, NW 1/4 Sec. 23, SE 1/4
Sec. 26, T27N, R8W, N.M.P.M.,
San Juan County, New Mexico

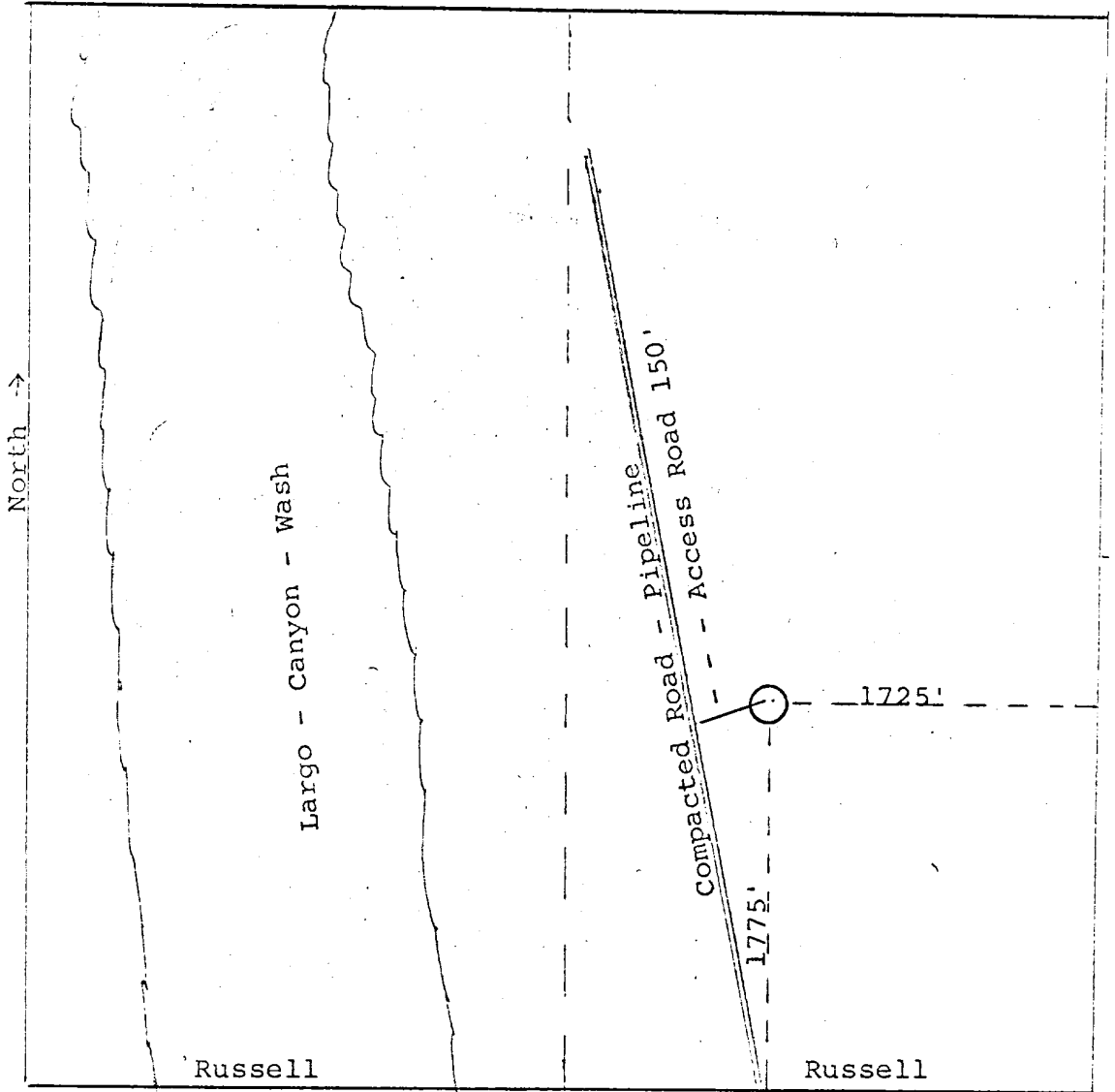
Scale: 1"=1 mile Date: 1-24-1935

San Juan Engineering Company

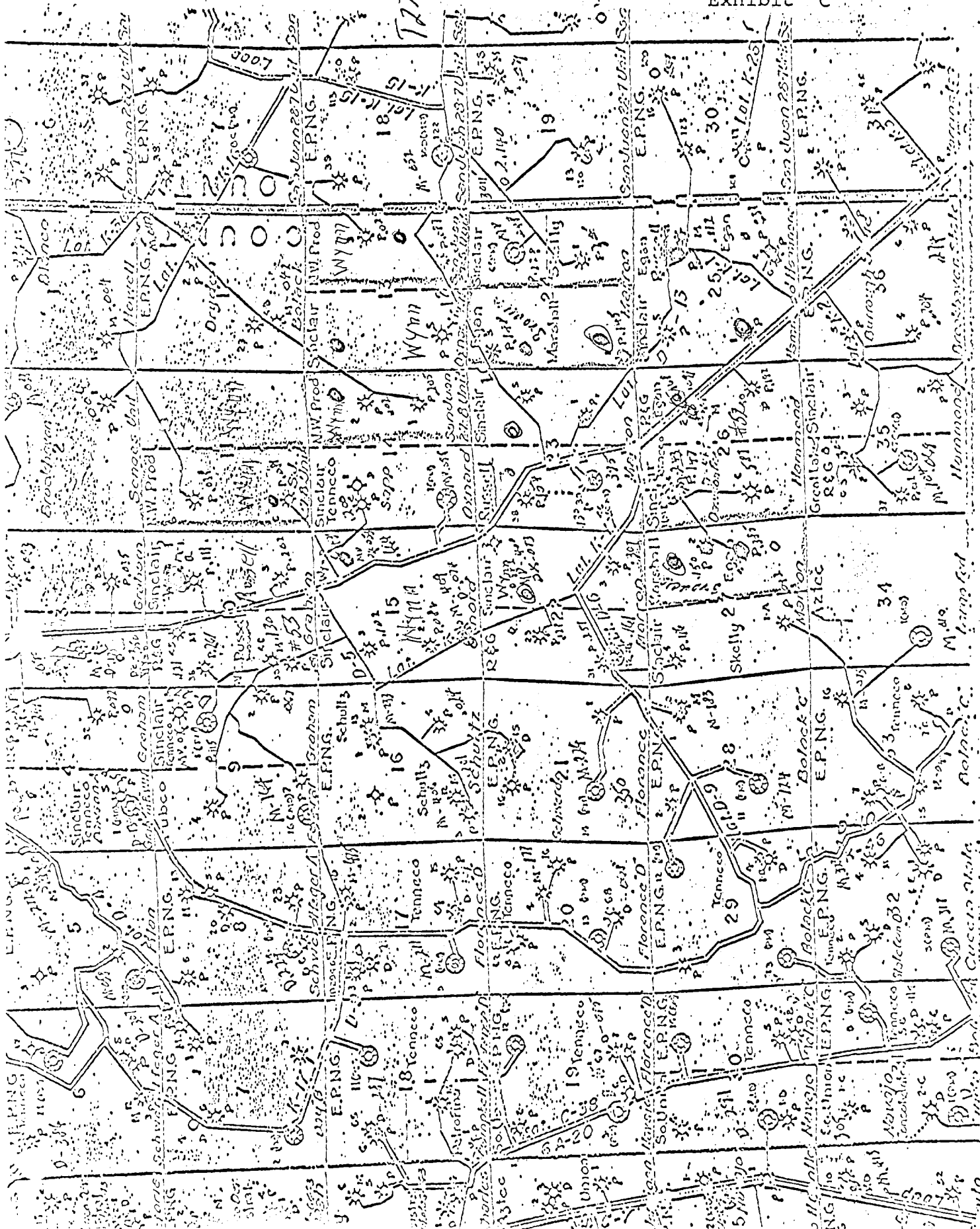
Farmington, New Mexico

EXHIBIT D

RUSSELL #51-A Graham (NM-05791)
Mesa Verde (infill) Location
Section 10, T 27 N, R 8 W
San Juan County, New Mexico

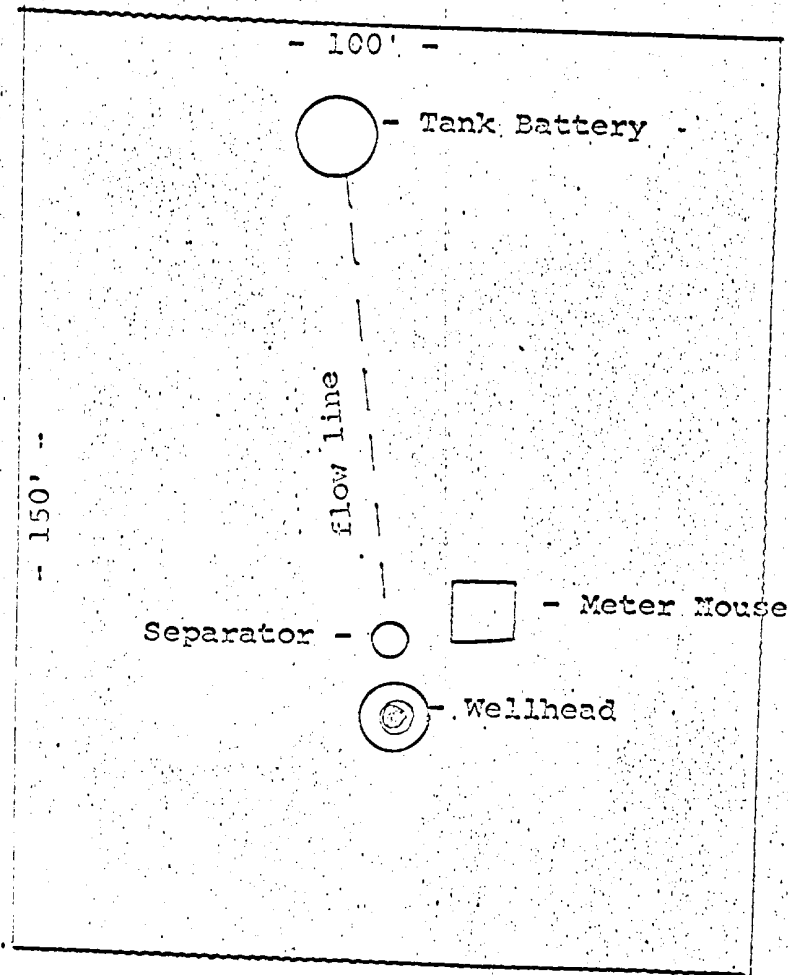


Township 27 North, Range 8 West
San Juan County, New Mexico



RUSSELL #51-A Graham
SE/4 Section 10
T 27 N, R 8 W
San Juan County, N. M.

LOCATION OF TANK BATTERY AND FLOW LINES



No tank battery within $\frac{1}{2}$ mile

Russell #51-A

LOCATION PLAT

Topography flat and well drained. Sage brush
and native grasses. Location to be levelled
and reseeded. Drilling pad compacted

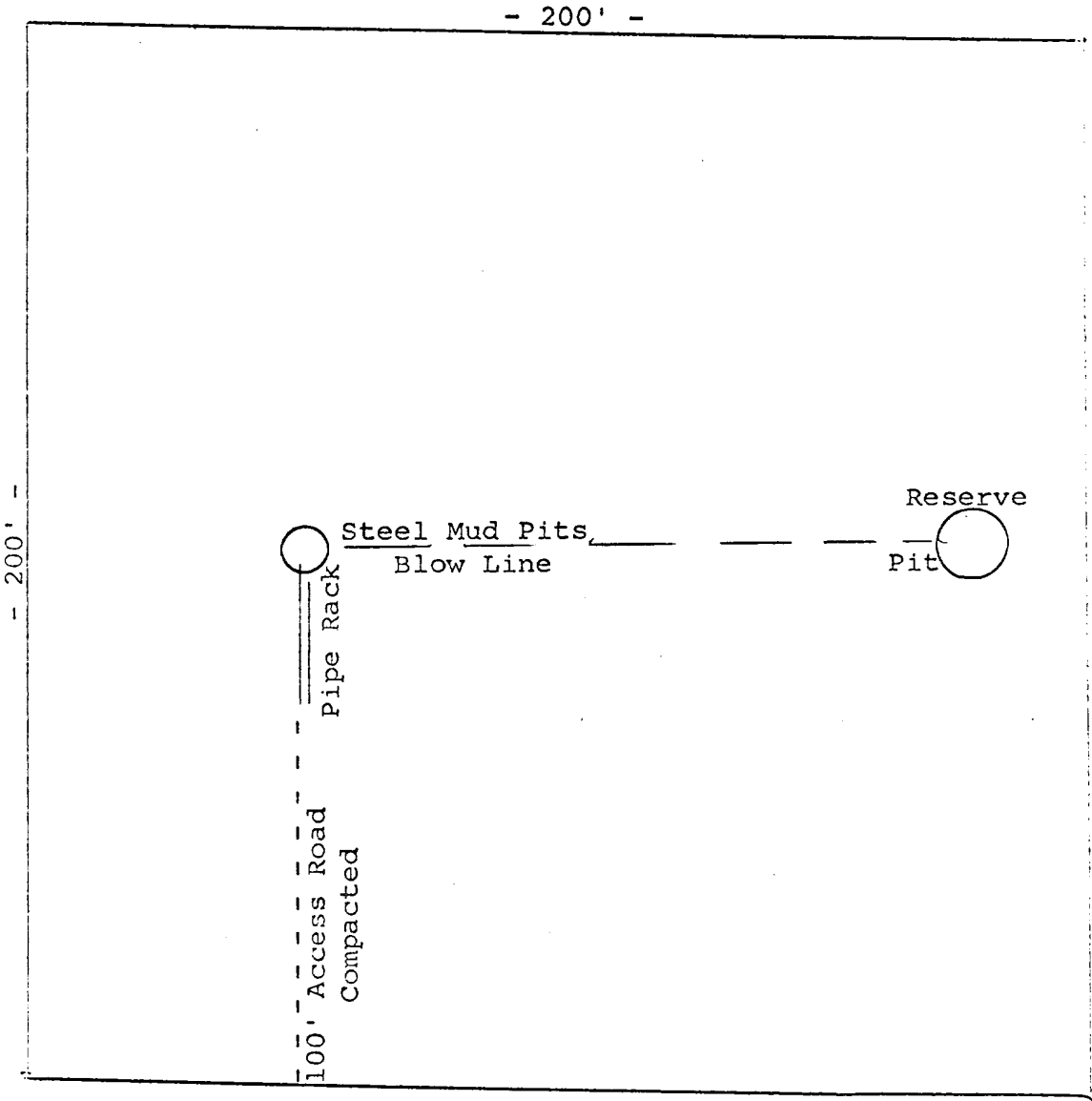
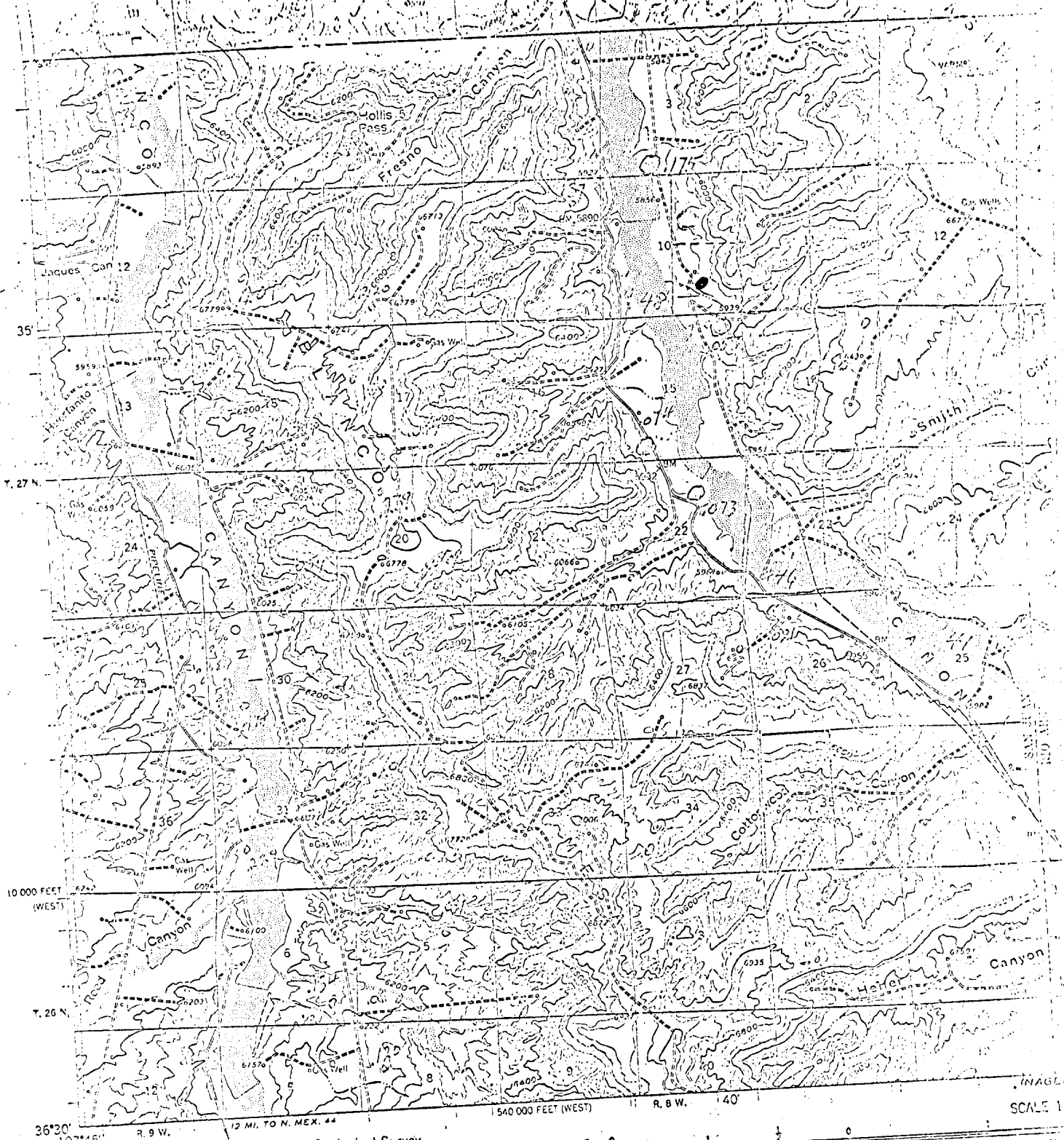


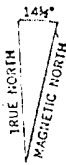
Exhibit "F"

EXHIBIT "F"



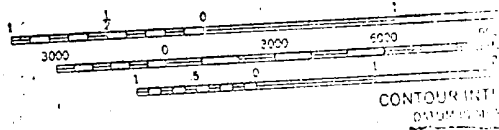
Maped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1955. Field checked 1959
Polyconic projection. 1927 North American datum
10,000-foot grid based on New Mexico coordinate system,
west and central zones
1000 meter Universal Transverse Mercator grid ticks,
zone 13, shown in blue

T 27 N, R 9 W



APPROXIMATE MEAN
DECLINATION, 1959

NMFM



THIS MAP COMPLIES WITH THE
FOR SALE BY U.S. GEOLOGICAL SURVEY, INTL
A FOLDER DESCRIBING TOPOGRAPHY